

MANUAL HARD COPY DISTRIBUTION

DOCUMENT TRANSMITTAL 2004-4594

USER INFORMATION:

~~GERLACH*ROSE M EMPL#:28401 CA#: 0363
Address: NUCSA2
Phone#: 254-319~~

TRANSMITTAL INFORMATION:

TO: ~~GERLACH*ROSE M~~ 01/28/2004
LOCATION: (DOCUMENT CONTROL DESK
FROM: NUCLEAR RECORDS DOCUMENT CONTROL CENTER
NUCSA-2)
THE FOLLOWING CHANGES HAVE OCCURRED TO THE HARDCOPY
OR ELECTRONIC MANUAL ASSIGNED TO YOU:

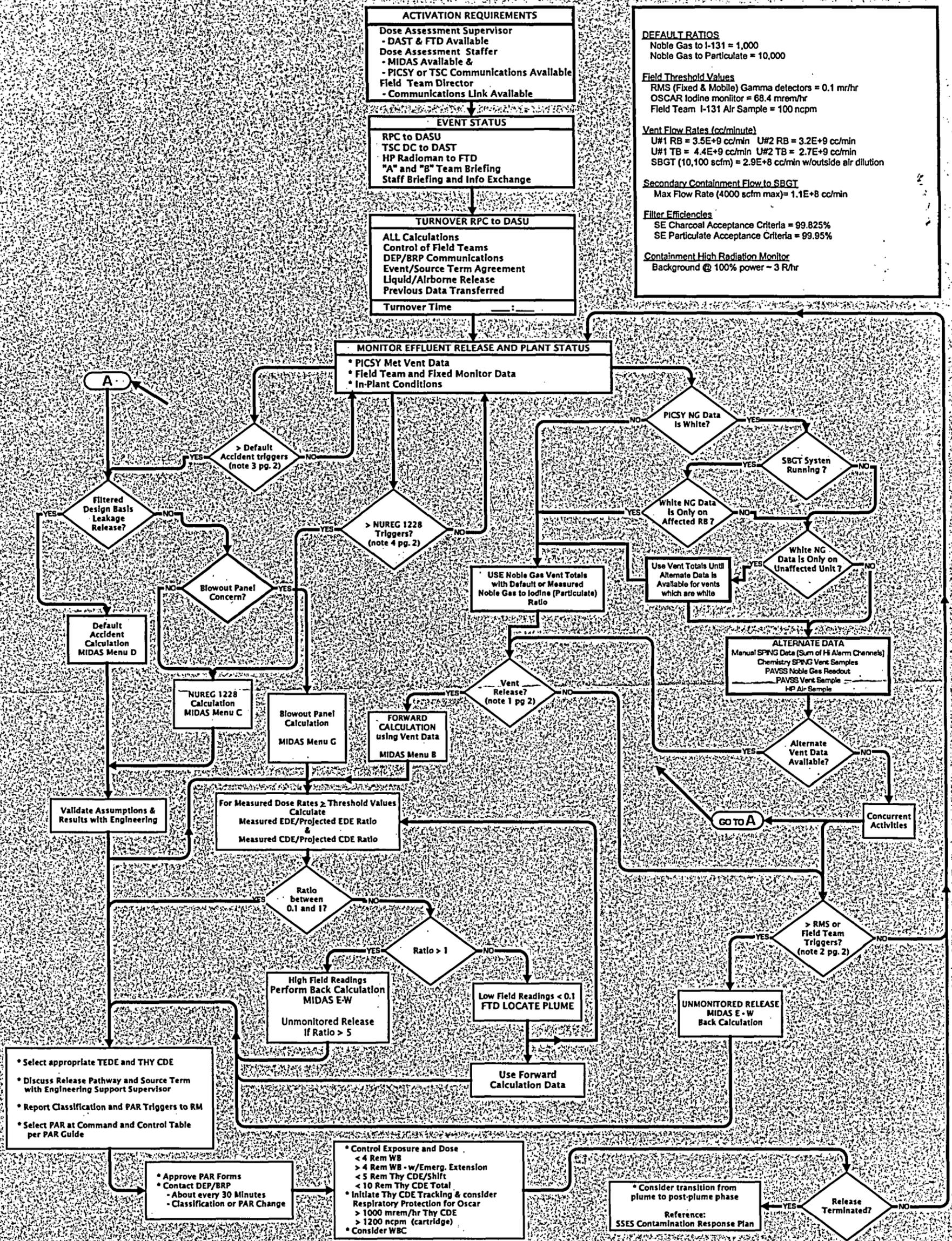
245 - 245 - DOSE ASSESSMENT SUPERVISOR
REMOVE MANUAL TABLE OF CONTENTS DATE: 01/26/2004
ADD MANUAL TABLE OF CONTENTS DATE: 01/27/2004
CATEGORY: PROCEDURES TYPE: EP
ID: EP-PS-245
REPLACE: REV:5
REPLACE: REV:5
REMOVE: PCAF 2003-1638 REV: N/A
ADD: PCAF 2003-1638 REV: N/A

UPDATES FOR HARD COPY MANUALS WILL BE DISTRIBUTED
WITHIN 5 DAYS IN ACCORDANCE WITH DEPARTMENT
PROCEDURES. PLEASE MAKE ALL CHANGES AND
ACKNOWLEDGE COMPLETE IN YOUR NIMS INBOX UPON
RECEIPT OF HARD COPY. FOR ELECTRONIC MANUAL USERS,
ELECTRONICALLY REVIEW THE APPROPRIATE DOCUMENTS AND
ACKNOWLEDGE COMPLETE IN YOUR NIMS INBOX.

ADYS

EOF DOSE ASSESSMENT FLOWCHART

TAB 1
EP-PS-245-1



DOSE ASSESSMENT EMERGENCY ACTION LEVELS

NOTE 1 VENT RELEASE TRIGGERS	NOTE 2 RMS/FIELD TRIGGERS	NOTE 3 DEFAULT ACCIDENT TRIGGERS	NOTE 4 NUREG 1228 TRIGGERS	NOTE 5 LIQUID RELEASE TRIGGERS
<p>♦ AIRBORNE RELEASE</p> <p>Total NG Release Rate > 1.0E6 μci/min** or</p> <p>Entry into one of the following EALs*</p> <p style="padding-left: 20px;">EAL 3, 15, 17, 18 or 21 with a DSC breached or</p> <p>Initiation of SBTG for treatment of activity within</p> <p style="padding-left: 20px;">Containment* or</p> <p>A release above normal levels attributable to a declared</p> <p style="padding-left: 20px;">event* or</p> <p>An unmonitored release is in progress</p> <p style="padding-left: 20px;">* Perform one calculation unless directed otherwise</p> <p style="padding-left: 20px;">** Perform dose projections every 15 minutes</p>	<p>♦ AIRBORNE RELEASE **</p> <p>≥ 0.1 mrem/hr EDE (ASP1 or RMS gamma reading)</p> <p>≥ 68.4 mrem/hr Thy CDE (OSCAR RMS Iodine)</p> <p>≥ 100 ncpm on Iodine Cartridge</p> <p style="padding-left: 20px;">** Perform dose projections every</p> <p style="padding-left: 20px;">15 minutes</p>	<p>♦ INDICATION OF FUEL DAMAGE</p> <p>> 10 R/hr CHRM</p>	<p>♦ UNFILTERED VENT RELEASE</p> <p>♦ RELEASE RATE > DESIGN BASIS 1%/DAY</p> <p>♦ CORE UNCOVERED > 15 MINUTES</p> <p>♦ SPENT FUEL POOL RELEASE</p>	<p>♦ LIQUID RELEASE</p> <p>Liquid Effl. \geq TRM</p>
<p>♦ EAL 15.1 (Unusual Event)</p> <p>>2.0E6 μci/min NG for 60 min. or longer</p>				<p>♦ EAL 15.1</p> <p>Liquid Effl. ≥ 2 x TRM for 60 min</p>
<p>♦ EAL 15.2 (Alert)</p> <p>>2.0E8 μci/min NG for 15 min. or longer</p>		<p>EAL 3.2 SEVERE CLAD DEGRADATION</p> <p>>200 R/hr CHRM or</p> <p>>300 μci/cc DE Iodine-131</p>		<p>♦ EAL 15.2</p> <p>Liquid Effl. ≥ 200 x TRM</p> <p style="text-align: right;">for 15 min</p>
<p>♦ EAL 15.3 (Site Area Emergency)</p> <p>>6.2E8 μci/min NG for greater than 15 min</p> <p>& dose projection not available</p> <p style="text-align: center;">Note:</p> <p>If dose projection cannot be made within 15 minute period, then</p> <p>declaration to be made on valid sustained NG release rate.</p> <p>PROJECTED DOSE @ EPB</p> <p>>100 mrem TEDE or</p> <p>>500 mrem THY CDE</p>	<p>♦ EAL 15.3</p> <p>RMS PERIMETER MONITORING SYSTEM</p> <p>> 100 mR/hr for 15 min or longer</p> <p>FIELD TEAM SURVEY RESULTS @ EPB</p> <p>> 100 mR/hr & expected for 60 min or</p> <p>≥ 500 mrem THY CDE for one hour of</p> <p style="padding-left: 20px;">inhalation</p>	<p>♦ EAL 3.3 SEVERELY DEGRADED CORE</p> <p>> 400 R/hr CHRM or</p> <p>> 1000 μci/cc DE Iodine-131</p>		
<p>♦ EAL 15.4 (General Emergency)</p> <p>>6.2E9 μci/min NG for greater than 15 min</p> <p>& dose projection not available</p> <p style="text-align: center;">Note:</p> <p>If dose projection cannot be made within 15 minute period, then</p> <p>declaration to be made on valid sustained NG release rate.</p> <p>PROJECTED DOSE @ EPB</p> <p>≥ 1000 mrem TEDE or</p> <p>≥ 5000 mrem THY CDE</p>	<p>♦ EAL 15.4</p> <p>RMS PERIMETER MONITORING SYSTEM</p> <p>> 1000 mR/hr for 15 min or longer</p> <p>FIELD TEAM SURVEY RESULTS @ EPB</p> <p>> 1000 mR/hr & expected for 60 min or</p> <p>≥ 5000 mrem THY CDE for one hour of</p> <p style="padding-left: 20px;">inhalation</p>	<p>♦ EAL 3.4 CORE MELT</p> <p>> 400R/hr CHRM plus listed conditions or</p> <p>> 1000 μci/cc DE Iodine-131 or</p> <p>> 2000 R/hr CHRM</p>		